

# INSTRUCTIONS

## COMPACT LED TUBES



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

PLC-9-H-8XX-BYP



### IMPORTANT

#### **READ CAREFULLY BEFORE INSTALLING LED tube. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

RAB LED tube must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

#### **WARNINGS:**

**WARNING - Risk of fire or electric shock.** LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

**AVERTISSEMENT - Risque d'incendie ou de choc électrique.** Installation du kit de Retrofit LED exige une connaissance des systèmes électriques luminaires. Si vous n'êtes pas qualifié, ne tentez pas de l'installation. Contactez un électricien qualifié.

**WARNING - Risk of fire or electric shock.** Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

**AVERTISSEMENT - Risque d'incendie ou de choc électrique.** Installez ce kit dans les luminaires qui ont les caractéristiques de construction et les dimensions indiquées dans les photographies et / ou dessins et où la cote d'entrée du kit de modification ne dépasse pas la capacité d'entrée du luminaire.

**WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.**

**AVERTISSEMENT - Pour éviter d'endommager le câblage ou à l'abrasion, ne pas exposer le câblage aux bords de tôle ou d'autres objets pointus.**

#### **SAFETY INFORMATION:**

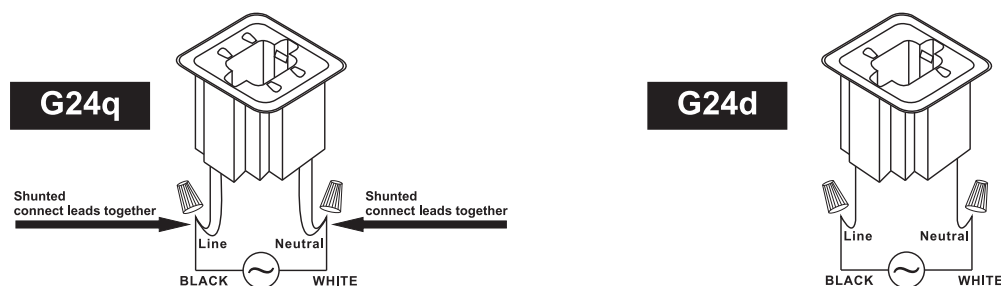
For your and others' safety, please read the precaution carefully before installation:

- (1). Product should be installed by qualified electrician.
- (2). Switch off the power supply before commencing work, make sure correct connection before power on.
- (3). NOT FOR EMERGENCY LIGHTING.

### PRODUCT FEATURES

- UL certified
- Product applications: widely used in residential buildings, offices, shopping malls, supermarkets, hospitals, assembly lines, warehouses, etc. for energy-saving illumination.

### Lampholder wiring Instruction



**Note:** These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

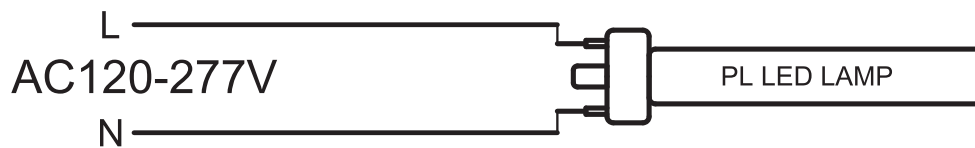
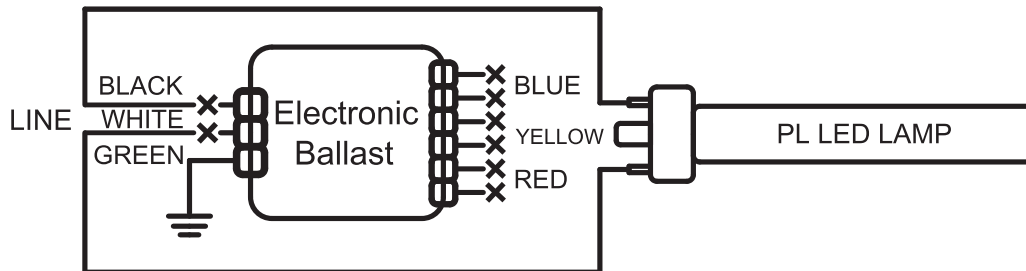
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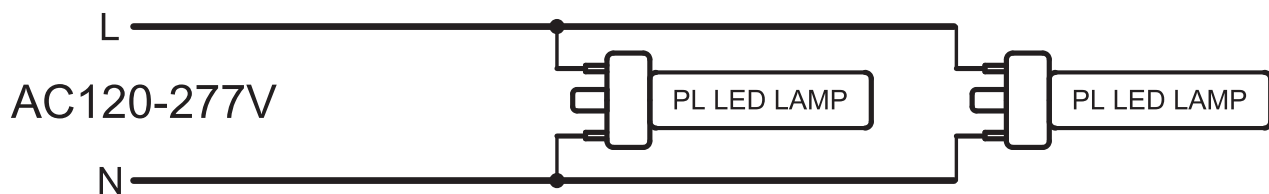
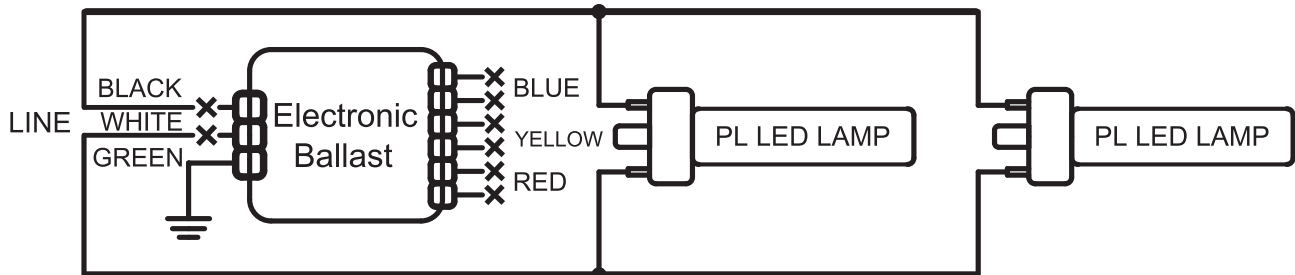
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### Wiring Instruction - Electronic Ballast

#### Retrofit luminaire with 1 lamp



#### Retrofit luminaire with 2 lamps



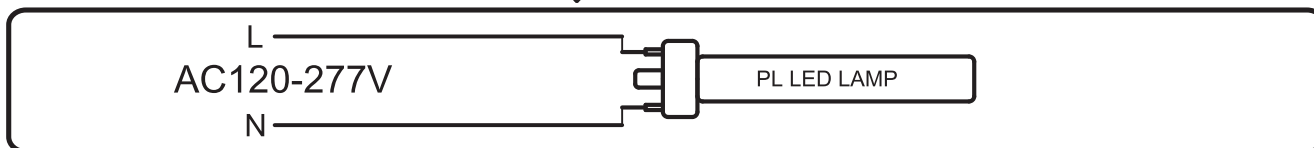
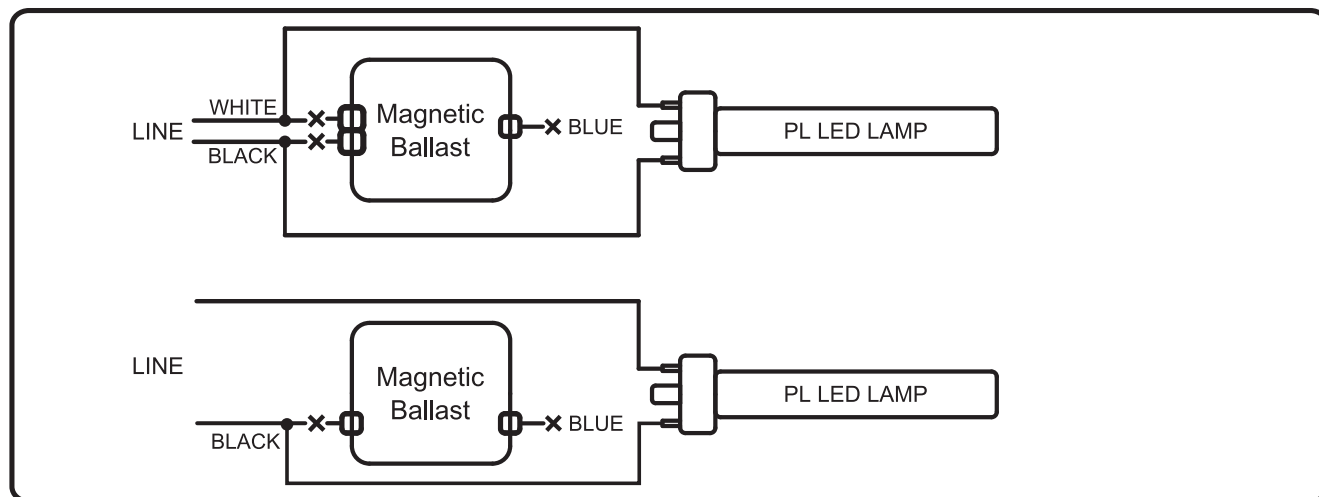
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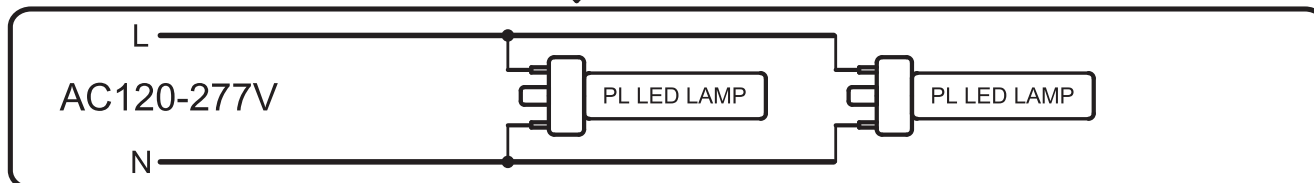
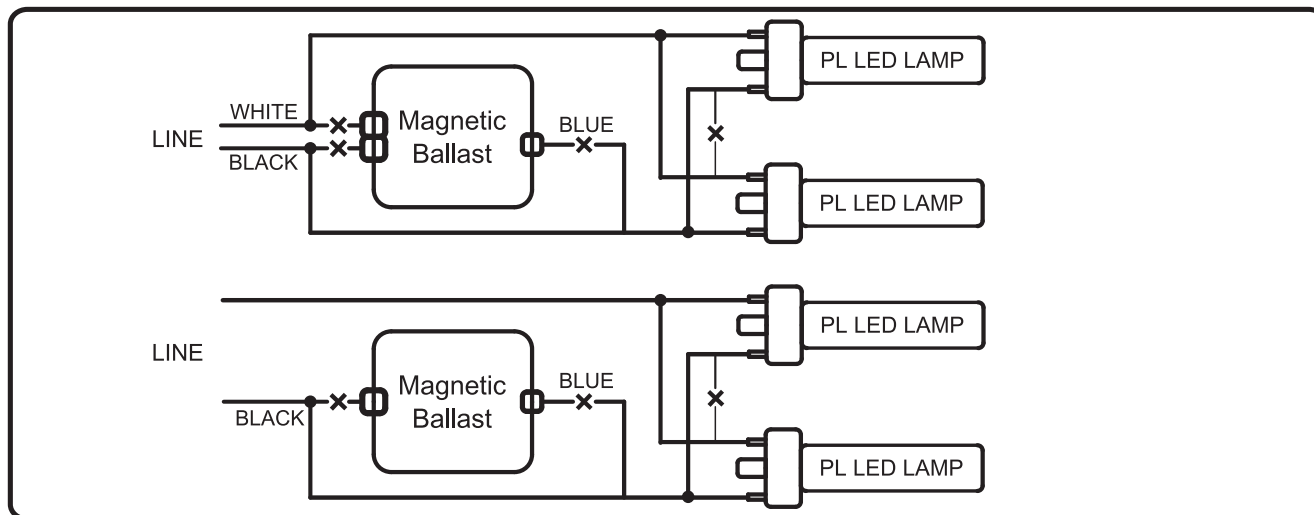
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### Wiring Instruction - Magnetic Ballast

#### Retrofit luminaire with 1 lamp



#### Retrofit luminaire with 2 lamps



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### PRODUCT NOTES

The units covered by this report were intended to retrofit surface mount, Type IC or non-IC recessed mount Listed fluorescent luminaires that use maximum one tubular lamp. The minimum lamp compartment dimensions are tabulated below:

| Model Name                                                                                  | Minimum Lamp Compartment Dimensions [Diameter x Height] [mm] | Lamp Quantity |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|
| PLC-9-H-827-BYP<br>PLC-9-H-830-BYP<br>PLC-9-H-835-BYP<br>PLC-9-H-840-BYP<br>PLC-9-H-850-BYP | 150 x 90                                                     | 1             |

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### WARRANTY

This product is warranted for 5 years from the date of purchase. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded.

### WARNING

**Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.**

**Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.**

**THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.**